

20020106.qrp v02_n428.qrl.20020106

Date: Sun, 6 Jan 2002 19:03:06 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2428

QRP-L Digest 2428

Topics covered in this issue include:

- 1) [117044] 6M- not so Oh-Tee
by "Dave Benson" <nn1g@earthlink.net>
- 2) [117045] Re: 6M- not so Oh-Tee
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 3) [117046] Re: Hello
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
- 4) [117047] Getting on 6...
by Steven Weber <kd1jv@moose.ncia.net>
- 5) [117048] Re: Good Straight Key?
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
- 6) [117049] OT: VirusScan by McAfee
by "Pat J. Whelton" <pwhelton@hal-pc.org>
- 7) [117050] Re: OT: VirusScan by McAfee
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
- 8) [117051] Re: OT: VirusScan by McAfee
by "Bill Dittrich" <rwddittrich@hotmail.com>
- 9) [117052] Re: VirusScan by McAfee
by "Charles" <cvest@hit.net>
- 10) [117053] Re: [AQR] The Amazing Tiny Tornado!
by Monty N5FC <n5fc@io.com>
- 11) [117054] Re: VirusScan by McAfee
by "Rob Matherly" <kc0bom@arrl.net>
- 12) [117055] EP-3 ON THE AIR IN NY!!
by J38AL@aol.com
- 13) [117056] RE: OT: VirusScan by McAfee
by wkhibbert@juno.com
- 14) [117057] Ham library in the palm of your hand
by "George Heron N2APB" <n2apb@erols.com>
- 15) [117058] Re: [Elmer 101] change of venue
by Ray Sommers <rsommers@coredcs.com>
- 16) [117059] RE: OT: VirusScan by McAfee
by "N8IE" <n8ie@woh.rr.com>
- 17) [117060] Adios Hasta Mayo, Vamos a Mexico
by NB6M@aol.com
- 18) [117061] Re: Ham library....
by "ss lyon" <sslyon@megalink.net>
- 19) [117062] Re: Kit for ugly construction, from UK

- by "Kevin M." <adverseyaw@twmi.rr.com>
- 20) [117063] Re: Weatherproofing Connections
by "Kevin M." <adverseyaw@twmi.rr.com>
- 21) [117064] Re: 13 Tricks in Real World
by "Kevin M." <adverseyaw@twmi.rr.com>
- 22) [117065] Re: 13 Tricks in Real World
by "George, W5YR" <w5yr@att.net>
- 23) [117066] Re: Weatherproofing Connections
by "bob baxter" <rbaxter@cybertrails.com>
- 24) [117067] Re: The Amazing Tiny Tornado!
by "Brice D. Hornback" <bdh@cyberbound.net>
- 25) [117068] Re: Good Straight Key?
by Bruce Muscolino <w6toy@erols.com>
- 26) [117069] Re: OT: VirusScan by McAfee
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 27) [117070] Re: OT: VirusScan by McAfee
by Bruce Muscolino <w6toy@erols.com>
- 28) [117071] Words of advice...
by Dragon Singer <WM-Scace@wiu.edu>
- 29) [117072] POSH
by euramcom pages <mel@euramcom.freeseve.co.uk>
- 30) [117073] Re: POSH
by Haines Brown <brownh@hartford-hwp.com>
- 31) [117074] RG-174 es BNC/SMA sans Crimp
by Chuck Carpenter <W5USJ@go.com>
- 32) [117075] Re: 13 Tricks in Real World
by Bill Coleman <aa4lr@arrl.net>
- 33) [117076] Re: OT: VirusScan by McAfee
by "Dave Ek" <ekdave@earthlink.net>
- 34) [117077] Re: RG-174 es BNC/SMA sans Crimp
by "John Dorson" <jdorson@Worldshare.net>
- 35) [117078] Re: OT: VirusScan by McAfee
by "Dave Ek" <ekdave@earthlink.net>
- 36) [117079] FS: QRP+
by "John Dorson" <jdorson@Worldshare.net>
- 37) [117080] Re: FS: Wilderness Sierra/KC-2/5 band modules
by "Dave Ek" <ekdave@earthlink.net>
- 38) [117081] OT: Re Viruses--one more thing
by "Dave Ek" <ekdave@earthlink.net>
- 39) [117082] Re: POSH
by Ekim Snave <kd5aad2000@yahoo.com>
- 40) [117083] Build a remote antenna switch unit
by ARDUJENSKI@aol.com
- 41) [117084] AVG question
by Bruce Rattray <rattray@gpfn.sk.ca>
- 42) [117085] Fw: RG-174 es BNC/SMA sans Crimp
by "Dave Benson" <nn1g@earthlink.net>
- 43) [117086] Re: POSH

by "Dave Fifield" <dave@redhotradio.com>
44) [117087] Fox: KV2X Final Log
by Thomas Jennings <jennings@eznet.net>
45) [117088] Re: OT: Re Viruses--one more thing
by "Dave Ek" <ekdave@earthlink.net>
46) [117089] Re: OT: VirusScan by McAfee
by "Bill Dittrich" <rwddittrich@hotmail.com>
47) [117090] Re: AirPorts/Ham Radio Equip - Semi Long
by "Brian - KF2HC" <kf2hc@home.com>
48) [117091] Re: 6M- not so Oh-Tee
by w4bws@juno.com
49) [117092] Altoids
by "Steve Farthing" <stephen@stevef.demon.co.uk>
50) [117093] Re: OT: VirusScan by McAfee
by "John Paul Keon" <jpkeon@nc.rr.com>
51) [117094] Re: Fw: RG-174 es BNC/SMA sans Crimp
by "Leon Heller" <leon_heller@hotmail.com>
52) [117095] Re: Altoids
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
53) [117096] RG-174 es BNC [Assembled]
by Chuck Carpenter <W5USJ@go.com>
54) [117097] Re: POSH
by "tmyers" <tmyers@AcademicPlanet.com>
55) [117098] Re: OT: VirusScan by McAfee
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
56) [117099] Re: SWR, Theroy vs. Real World Conditions
by Ron KU7Y <msswmod@bigplanet.com>
57) [117100] Re: POSH
by George Franklin <w0av@juno.com>
58) [117101] Re: Getting on 6...
by "Mark M." <markem@cervnet.com>
59) [117102] Re: SWR, Theroy vs. Real World Conditions
by "George, W5YR" <w5yr@att.net>
60) [117103] Re: POSH
by <jfox6@houston.rr.com>
61) [117104] fs- pack of (12) 2N2222A Metal Transistor!
by RLucch2098@aol.com
62) [117105] Re: VirusScan by McAfee
by "John A. Evans - N0HJ" <jaevans@codenet.net>
63) [117106] Re: Words of advice...
by Bruce Muscolino <w6toy@erols.com>
64) [117107] 10/15/17 meter cw transceiver kit?
by Michael Goins <mgoins@usa.net>
65) [117108] Re: Words of advice...
by Dragon Singer <WM-Scace@wiu.edu>
66) [117109] OT: Resolution to VirusScan Issue
by "Pat J. Whelton" <pwhelton@hal-pc.org>
67) [117110] Re: Words of advice...

by W2AGN <w2agn@pobox.com>
68) [117111] Re: OT: VirusScan by McAfee
by Bruce Muscolino <w6toy@erols.com>
69) [117112] Re: Words of advice...
by Bruce Muscolino <w6toy@erols.com>
70) [117113] Re: Words of advice...
by "Rob Matherly" <kc0bom@arrl.net>
71) [117114] FT-817 Low Power Out
by Ed Kessler <edkess@pa.net>

Date: Sat, 5 Jan 2002 18:55:42 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [117044] 6M- not so Oh-Tee
Message-ID: <002801c1965d\$a2615fe0\$98e1d73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

I mentioned earlier working CA (from CT) on 6M with an FT-817 and makeshift antenna.

Makeshift it was! I ran the antenna through EZNEC, and between its performance and line losses, I calculated the ERP to be 200 mW. Also worked OR, WA and BC stations as well as a couple locals, so it wasn't a fluke. Reports ranged from '59' to 'you're not moving the meter but 100% copy'

I'd be dangerous with a real antenna for this band!

73- Dave, K1SWL

Date: Sat, 5 Jan 2002 16:44:22 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <nn1g@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117045] Re: 6M- not so Oh-Tee
Message-ID: <001401c1964b\$49f6a8e0\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jazzed by Dave Benson's report, I put my FT-817 (5w) with a three-el homebrew Yagi at 50 feet on 6m twice this afternoon and the band was dead both times at my QTH!! So I called CQ a couple of times on 50.125 with nothing heard. But I'll keep checking 6M for the rest of the weekend!

Then I QSY-ed to 10M and worked a JA on SSB and a KH2 on CW.

Ten has been good for QRP this week. Running the FT-817 on battery power (2.5W) with a shortened, base-loaded mobile antenna on 10M while driving in Douglas County Nevada and Mono County California I was able to work both Japan and Korea.

Love that radio!

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Sat, 5 Jan 2002 18:48:53 -0600
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [117046] Re: Hello
Message-ID: <00cd01c1964b\$ea854280\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Dan Wolfe <n4roa@mounet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, January 04, 2002 5:31 PM
Subject: Hello

> Howdy ole Underdogs,
>
> Wow! Ole Dave and Ron are really first class Foxii nabbers for sure.
> Dave at 900mw and I heard Ron at 1W with Fred. I have been turning
> my power up to get it over as quick as possible. I still can't sit
> for long spells yet. hee hee
>

> Man, I am proud and pleased as punch to have you guys on the same
> team. I have been using my large loop almost all the time here. I
> have others but it seems to be the better one in most cases. It is
> about 450/480 ft. long and up about 60/65 ft average. Fed with what
> I call ladder line. I have been using it for several years now. The
> more wire up, the better, up to around 1000 ft or so. That's one of
> my next projects, get up around 1000 ft in the loop.
>
> I did get both Foxii last night. I had to really hunt for Fred but
> that is the way I like it. hee hee
>
> Did not hear Art or Randy last night but I know what kind of hunters
> they are. Super deluxe. Gooooooooo Underdogs, lets catch those flop-
> eared Cheeseheads.
>
> See ya on the bands.
>
> 72/73..Underdog Dan
>

Underdog Dan,

In the spirit of competition, my Cheesehead teammates and I all took a pass on VE3FAL in order to decrease our lead and make a real knuckle-biter out of the rest of the season. We all heard Fred easily 599+++ but what the heck.

NOT!!

Fred was less than ESP for all of us, and it doesn't help that we are geographically within a 20 mile radius. We all missed him. So I've notified my family that we will be packing up and leaving Wisconsin for Colorado to help the cause. Now to see if ET will sell me a plot in his back yard.

72 de Cheesehead Glenn, WE9K

Date: Sat, 05 Jan 2002 20:35:35 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [117047] Getting on 6...
Message-ID: <3.0.6.32.20020105203535.007a8890@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just pretty much finished making up a couple of 6 M squalo's with a friend of mine this afternoon. We used the "Six Meters from your easy chair" article in this months QST as a guide. Since we didn't have a couple of

aluminum easy chairs to hack up, we used 3/4" hot water heating pipe and elbows instead. We also made a different gamma match than shown in the article. We simply ran a piece of 1/4" soft copper tubing from the center of the coax connector out to the shorting bar.

Took a quick 25 mile round trip drive to borrow a MFJ antenna analyzer from another friend and got it tuned right up with a 1:1.1 SWR on 50.150, with the antenna hung from the ceiling of the shop with some string. Confirmed the SWR by running the coax out to the IC706 in my buddies car. Can't wait to get this outside on a mast and see what happens<g>

Maybe now that I'll have a 6M antenna up in the air, now I'll get inspired to get back to work on that 20-6 transverter everyone's been waiting for...

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 5 Jan 2002 21:05:42 -0500
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: dpayton@fwi.com
Cc: qrp-1@Lehigh.EDU
Subject: [117048] Re: Good Straight Key?
Message-ID: <0F6361E6BE.08477EFB-0N85256B39.00067EDD@troy.pmifeg>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dennis,
I set out on this quest about 2 months ago, and with some agonizing I purchased a Bencher RJ-1 for Christmas, at my "local" ham store (50 miles away.....R&L Electronics, Hamilton, OH). I came to realize that this quest, and the opinions offered by many, took on an almost religious fervor. In short, there's no one right answer, and really few options. I really wanted to "feel" the key - which eliminate much of the mail order options. I also didn't want a wobbly ole' piece of junk left over from some past war (at least not without feeling it first). Past SK experience from the late 60's reminded me to look for a so called navy knob - a disk located below the main key knob. This permits a few alternate grips for the fingers. Finally, I had a \$100 limit!

Any rate, the RJ-1 is rock solid, crisp in it's action, somewhat "clicky".

A steel base with rubber feet offers a solid, no move platform for the rigors of keying. (I might add that the first key I tried at the store didn't have a flat base and therefore wobbled on the table. A second key tried was flat and solid.) There's no wobble or play in the vertical track of the key. The horizontal bearings of the lever arm are sealed and not adjustable. It has a navy knob. Adjustments are via hex wrench and one is conveniently clipped to the base underneath the key. The only complaint is the spring is a bit on the heavy side, in spite of adjustments. I e-mailed Bencher tech support this about this issue last week and they promised a lighter spring in the mail. I expect it shortly.

At \$71 the key was more expensive than some of the Asian made "speed-x" style keys, but not nearly as costly as, say the Vibroplex SK (which I would like to try sometime).

I also looked at a Nye Viking key, Master Key model. This had an interesting, sort of mushy feel. The contacts are sealed -- I guessing a micro switch -- buried in the base plate. I preferred the more solid "click" contact of the RJ-1.

My plan is to check out other keys at the Dayton Hamvention in May. But for now, I'm pretty happy for my Bencher choice. I will be even happier with a lighter spring, but hopefully Bencher's tech support and the mail man will fix this in a day or two.

You might check out the following Internet resources that feature SK's:

<http://www.bencher.com/radioequip.html#keys>

<http://www.morsex.com/keys.htm>

<http://www.fix.net/~slmachco/>

<http://www.vibroplex.com/>

Also check out comments about various keys & paddles in the Reviews section of e-ham.net at:

<http://www.eham.net/reviews/products/16>

Good luck! I'll be interested in knowing what you select and why.

73,
Steve
aa8af

"Dennis Payton" <dpayton@fwi.com>

Sent by: owner-qrp-1@Lehigh.EDU

01/05/2002 12:34 PM

Please respond to dpayton

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc:
Subject: Good Straight Key?

Does anybody have a strong opinion for straight key in the +/- \$100 range with a weighted base and navy knob? I know there are only a few that meet that criteria, but I can't make up my mind. The reviews I've seen seem to point out deficiencies in all of them.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Sat, 5 Jan 2002 20:12:28 -0600
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: <qrp-1@Lehigh.EDU>
Subject: [117049] OT: VirusScan by McAfee
Message-ID: <004301c19657\$98b1e100\$7abcfea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I made the dumb mistake of ordering VirusScan at McAfee's website. I'm running Windows 98, Outlook 6.0 and Internet Explorer 6.0 and apparently VirusScan can't handle it. It has really hosed my system. Outlook now takes "FOREVER" to load. Oh, well, live and learn. Take my advice though ... don't buy or install McAfee's VirusScan on your machine or you will be sorry.

Sure was nice when I was fat, dumb and happy and didn't worry about virus attacks. I got along just fine. Now I try to be patriot Joe and screwed my machine up big time.

Date: Sat, 5 Jan 2002 21:19:29 -0500

From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: pwhelton@hal-pc.org
Cc: qrp-1@Lehigh.EDU
Subject: [117050] Re: OT: VirusScan by McAfee
Message-ID: <0FEA5445E6.09D59213-0N85256B39.000C9D31@troy.pmifeg>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Pat,
I find your experience interesting. We use McAfee in our office -- version 4.5.1 is the "corporate" version -- without much problems. We have several hundred licenses deployed on Win9x, NT, and W2K systems, all running IE 4.0 thru 6.0 in various flavors on PCs ranging from Pentium 200's to Pentium IV 1.5GHz. Any AV software will have a negative impact to system performance. More RAM helps.

Sorry about your luck. I hope you can resolve the situation.

Steve

"Pat J. Whelton" <pwhelton@hal-pc.org>
Sent by: owner-qrp-1@Lehigh.EDU
01/05/2002 09:12 PM
Please respond to pwhelton

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc:
Subject: OT: VirusScan by McAfee

I made the dumb mistake of ordering VirusScan at McAfee's website. I'm running Windows 98, Outlook 6.0 and Internet Explorer 6.0 and apparently VirusScan can't handle it. It has really hosed my system. Outlook now takes "FOREVER" to load. Oh, well, live and learn. Take my advice though ... don't buy or install McAfee's VirusScan on your machine or you will be sorry.

Sure was nice when I was fat, dumb and happy and didn't worry about virus attacks. I got along just fine. Now I try to be patriot Joe and screwed my machine up big time.

Date: Sat, 05 Jan 2002 21:38:28 -0500
From: "Bill Dittrich" <rwddittrich@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [117051] Re: OT: VirusScan by McAfee
Message-ID: <LAW2-F1023EcMUfGHUZ00002448@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have the same problem with Outlook on my puter too.
I have McAfee (Ver. 5), but don't run it in the background, just
do scans every now and then. I even updated Outlook to the new Ver. 6,
still have the same problem. Half the time it just stops with
the blue box on the screen, I then look in the close program box...
(hit CNTRL-ALT-DEL once) and says it's not responding.
I HATE Outlook...<g>. Haven't found a fix for it either.

Bill D

>From: "Pat J. Whelton" <pwhelton@hal-pc.org>
>Reply-To: pwhelton@hal-pc.org
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: OT: VirusScan by McAfee
>Date: Sat, 5 Jan 2002 20:12:28 -0600
>
>I made the dumb mistake of ordering VirusScan at McAfees website. I'm
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>VirusScan can't handle it. It has really hosed my system. Outlook now
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>... don't buy or install McAfee's VirusScan on your machine or you will be
>sorry.
>
>Sure was nice when I was fat, dumb and happy and didn't worry about virus
>attacks. I got along just fine. Now I try to be patriot Joe and screwed
>my
>machine up big time.
>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Sat, 5 Jan 2002 20:48:33 -0600
From: "Charles" <cvest@hit.net>
To: <pwhelton@hal-pc.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117052] Re: VirusScan by McAfee
Message-ID: <001201c1965c\$a4ac56c0\$d711ecd8@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have been running it for about a year on ME and it is the best investment
I ever made.
...Charlie...KC0EH...

Date: Sat, 05 Jan 2002 20:45:23 -0600
From: Monty N5FC <n5fc@io.com>
To: "Lloyd Crawford" <n5gdb@texas.net>, AQR@egroups.com,
qrp-l@Lehigh.edu
Subject: [117053] Re: [AQR] The Amazing Tiny Tornado!
Message-ID: <5.1.0.14.1.20020105203251.00aaad70@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Naaaaah, I don't think so. Reed relays are for sissies. I like throwing
switches, the more the merrier. Makes me feel like I'm doing something
besides calling CQ endlessly. Sometimes, just for fun, I close the
shorting bar on the J-38 and key by lifting the contacts on the 9 Volt
battery. And I do it in the dark so I can see the little teeny spark
caused by the keying current. Man, what a buzz 200 milliwatt radio
is. Occasionally, I'll grab the feedline while its transmitting, just for
the cheap thrill of it.

I know what you're thinking... but hey, I'm just a carefree, reckless kinda
guy...

Thanks for the feedback.

73,
monty

At 18:36 01/05/2002 -0600, you wrote:

>Monty, your switching problems are the reason that multi-pole relays were
>invented. Throw one switch to the relay coil and the relay remembers to
>switch all of those other circuits. At 12 VDC, three of the 5-volt coil
>reed relays from RadioShack will switch 3 circuits (series the three coils).

>Lloyd Crawford N5GDB

>n5gdb@texas.net

>

>----- Original Message -----

>From: "Monty N5FC" <n5fc@io.com>

>To: <AQRP@yahoo.com>; <qrp-1@Lehigh.edu>; <ka8mav@arrl.net>

>Sent: Saturday, January 05, 2002 4:48 PM

>Subject: [AQRP] The Amazing Tiny Tornado!

>

>

> > Hey Gang!

> >

> > Got my "Tiny Tornado" kit in the mail yesterday, whipped it together,
> > stuffed it in an Altoids box (what else?) along with a 9V battery (with
> > room to spare), and put it on the air. Couldn't raise lint from felt last
> > night, but snagged two Q's this morning on 30 Meters. A 29 minute QSO
>with

> > John in Joplin, MO, 503 miles, for 1250 miles/watt, was the best dx. That
> > time, I was running QRO from 12 VDC at 390 mW out. Another ragchew QSO
> > with Dale in San Antonio to prove it can be done with only a 9 Volt
> > battery, yielding 200 milliwatts.

> >

> > Here's an interesting observation: in my unit, when operated into a dummy
> > load, or into an antenna using the Emtech ZM-2 antenna tuner, SWR was
> > fine. When operated into a the same antennas using my MFJ-971 tuner, even
> > when preadjusted to 50 ohms, SWR was near infinite and could not be
> > adjusted. I suspect some kind of off-frequency oscillation in the final,
> > but I can't guess why.

> >

> > Operating rockbound on both RX and TX is an interesting, but not entirely
> > pleasant experience. Fortunately, I added the switch to provide an
> > "offset", but that meant I needed to manually switch it from TX to RX to
>TX

> > each time. I lost one guy when I forgot to switch back to the TX freq.

> >

> > Hum in the DC receiver was also a problem for me. I finally discovered
> > that the level of hum was related to which of three antennas I was using,
> > and which of the unused ones I had grounded and ungrounded. I finally
> > found a combination that was usable. Also, I could reduce the effect
> > somewhat by adding 5 or 10 dB of attenuation in line with the antenna, but
> > of course, that was another switch to throw when going from TX to RX HI
> > HI. To make matters worse, receiver gain, though adequate, is fixed, and
> > tends to fool you into thinking a moderately strong station is weak,

> > especially in the presence of the hum.
> >
> > I put a couple of mods into my unit:
> >
> > 1. For Q2, I used 2 parallel PN2222's with 2.2 ohms 1/8-watt emitter
> > ballast each; this almost doubles the power output. I matched the
> > transistors for hfe. Turns out the PC board's holes are big enough to
> > take
> > two leads in one hole. No extra heat sinking was needed (they never even
> > get warm to the touch). The instructions say to decouple the ballast
> > resistors when paralleling transistors, but I believe this to be
> > unnecessary, and maybe even counterproductive. Commercial
> > emitter-ballasted RF transistors never have decoupling.
> >
> > 2. I changed C15 from 1000 pF to 8.2 pF. This gave me a 850 Hz "offset"
> > when the crystal oscillator was trimmed to 10106 KHz. I'm guessing this
> > will vary a lot, unit-to-unit.
> >
> > Following are some observations and measurements I made on my unit. Keep
> > in mind the TX has 2 parallel transistors, rather than the stock single
> > transistor.
> >
> > Receiver Current Drain: 9.3 mA @ 9 VDC, 14.5 mA @ 12.6 VDC
> > Transmit Current Drain: 52 mA @ 9 VDC, 87 mA @ 12.6 VDC
> > Transmit Power Out (2 x 2n2222's): 200 mW @ 9 VDC, 390 mW @ 12.6 VDC
> > Receiver backwave: 5 mW @ 9 VDC, 6 mW @ 12.6 VDC (hmmm...)
> > Receiver MDS: approx 0.4 microvolts
> > Receiver Blocking: begins at 600 microvolts (and it ain't pretty from
> > there on up)
> >
> > Shortcomings aside, the rig proves its point, and very well: a minimalist
> > approach, while discarding features, will still get QSOs, and a kit built
> > around this approach can be a load of fun to build and operate. Hats off
> > to Brice KA8MAV for offering this fun kit! See <http://www.qrpp-i.com/>
> >
> > In a couple of weeks, I'll post pictures to the net. If you're local to
> > Austin, the Tiny Tornado will be show-and-tell at the AQRN meeting(s)
> > Saturday.
> >
> > 72,
> > monty N5FC
> >
> > Monty Northrup, N5FC
> > Austin, Texas
> > e-mail: n5fc@io.com
> > web page (ham radio): <http://www.io.com/~n5fc>
> > web page (home): <http://www.io.com/~maddog>
> >

> >
> > Via the AQRN List
> >
> > Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
> >
> >

Date: Sat, 5 Jan 2002 20:40:05 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <pwhelton@hal-pc.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117054] Re: VirusScan by McAfee
Message-ID: <01d801c1965c\$5550c980\$0411a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Pat;

If you are looking for something different, you might want to take a look at AVG. It's free, and does all the stuff that the others do. You can get it at <http://www.grisoft.com>. To show you how good it is, it runs fine on my 166 with 16 megs and doesn't slow it down a bit! :^)

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----

From: Pat J. Whelton <pwhelton@hal-pc.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, January 05, 2002 8:12 PM
Subject: OT: VirusScan by McAfee

I made the dumb mistake of ordering VirusScan at McAfee's website. I'm running Windows 98, Outlook 6.0 and Internet Explorer 6.0 and apparently VirusScan can't handle it. It has really hosed my system. Outlook now takes "FOREVER" to load. Oh, well, live and learn. Take my advice though

... don't buy or install McAfee's VirusScan on your machine or you will be sorry.

Sure was nice when I was fat, dumb and happy and didn't worry about virus attacks. I got along just fine. Now I try to be patriot Joe and screwed my machine up big time.

Date: Sat, 5 Jan 2002 21:58:46 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [117055] EP-3 ON THE AIR IN NY!!
Message-ID: <16b.6ba5883.29691766@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello to all,

As you can see by the subject line I haven't been moving too fast..... but I have been moving. I finally finished my EP-3 today. Actually, I just started it a few weeks ago.

What a GREAT kit. Everything worked first time. Well except the LFO. I had one of the white resonators in my kit. I couldn't get it close to the freq even with an added cap in parallel with the trimmer. I replaced it with one I had from a Radio Shack close- out sale from years ago. Now it is right on freq. It tunes from 3.722 to 4.001. After completing the adjustments I tuned around a bit and heard some locals on 3.900. I threw in my call and they heard me. Got a good report on my signal. I think it needs a little tweeking as it looks to be only putting out about 6 watts. The receiver great.

My thanks to NorCal and everyone else that helped to make this such a great kit.

72/73, A1 N2ZHS
Scotia, NY

Date: Sat, 5 Jan 2002 22:10:33 -0500
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [117056] RE: OT: VirusScan by McAfee

Message-ID: <20020105.221033.-277917.0.wkhibbert@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

AVG works far better than McAfee, and they have not caved into the Dept o' Justice demand for a "backdoor" like McAfee has.

According to an article in the Rochester "Democrat and Chronicle", 27 Dec 2001, The Department of Justice has been insisting that the antivirus companies provide a way for proposed DOJ search software to scan the Internet, looking for anti-American and Terrorist content, and NOT trip and alert the computer user that his machine has been compromised. Sort of a Viral Carnivore.

Norton and all of the off-shore antiviral software groups told them to take a hike, McAfee caved in.

I would not support the scam with another penny of mine.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub

"My night light runs more power than my Rig!!!"

mailto:wb2vuo@arrl.net

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Sat, 5 Jan 2002 22:35:01 -0500

From: "George Heron N2APB" <n2apb@erols.com>

To: "QRP-L" <qrp-l@lehigh.edu>

Cc: "NJQRP" <njqrp@njqrp.org>

Subject: [117057] Ham library in the palm of your hand

Message-ID: <015201c19663\$253232a0\$37c23ad0@GHLTP4>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi folks -

Here's a neat tip if you happen to be the same kind of "technical research hound" as I.

My daughters gave me a Christmas gift of an Archos "Jukebox Studio 20" -- a small handheld, battery-operated 20 GB disk drive normally used by audio buffs for storage of MP3 music files. Now as it turns out, I don't happen to be into music enough to warrant having a device that holds the equivalent of 500 music CD's.

However, this Archos device also works as a simple external 20GB hard drive connected to the PC through a USB port. And I DO have almost 50 *data* CD-ROMs that find extremely useful in different aspects of my QRP hobby - technical reading for enjoyment, writing articles for various publications, referencing material for a constant stream of new homebrew designs, etc.

So, long story short, I have placed the files from about 40 CD-ROMs onto my Archos 20GB external drive for near-instant access. My online electronic library now consists of: Handbook CD, 30 years of QST, the entire QEX collection, 13 years of Ham Radio Magazine, 3 issues of the QRP-L Archives CD-ROM, AntenneX Libraries, AntenneX's Ham Workshop CD, LB Cebic W4RNL's CD-ROM, AntenneX's "Small Magnetic Loops", "The Loop" CD, two years of RADCOM magazine, The Milliwatt CD-ROM, 100 issues of SPRAT, several EDN CD collections, and 22 years of Circuit Cellar magazine. And I still have room for about 20 *more* data or music CDs! (The device can handle both data and music files simultaneously on its hard drive.)

The beauty of this kind of electronic library is that I don't need to place the CD-ROMs individually into the CD-ROM drive. Once they are all initially loaded onto the drive, if I want to read an article from RADCOM, for example, I merely click on that folder and bingo, it appears. In another moment, I could click over to a related/referenced article in QST, or in QEX, or in ... well, you get the picture. Otherwise I'd be needing to lug around over 40 CDs, insert the desired one, and wait for it to spin up in order to get to the desired article.

The convenience and portability is astounding. Great addition to the laptop when traveling on business, relaxing at the cabin, waiting for heat #76 at those infernal swim meets on Saturday mornings, etc.

It's not for everyone, as the Archos costs about \$200 ... but if you've accumulated CD-ROM data library over the years that costs over 4 times that amount, or if you happen to get one as a gift from some wonderful children, you'll find the utility.

73, George N2APB

PS: The Archos "Jukebox Studio 20" specs can be found at http://www.archos.com/us/products/product_500205.html

Date: Sat, 5 Jan 2002 21:47:00 -0600 (CST)
From: Ray Sommers <rsommers@coredcs.com>
To: qrp-l disc group <qrp-l@lehigh.edu>
Subject: [117058] Re: [Elmer 101] change of venue
Message-ID: <Pine.GS0.4.33L2.0201052140310.16809-100000@shell.core.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have my e-mail for qrp-l set to nomail and I read the messages now and then via the archive web site and now find that [Elmer 101] has gone off somewhere.

Is there a archive website for the [Elmer 101] discussion? And could someone repost the e-mail address, etc., for the new list?

Thanks,

Ray Sommers, WB9LKC, QRP-L # 8

Date: Sat, 5 Jan 2002 23:48:25 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: <rwdittrich@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117059] RE: OT: VirusScan by McAfee
Message-ID: <MMEDLKDLONJOAIGICDJAMENLCCAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys,
With McAfee turn off E-Mail scan option. This will make it slow, especially if your using a dial up ISP as the mail is scanned as it comes across.

Also with Outlook or Outlook Express turn off the preview pane.

This will help things a bit.

72, oo
Dan, N8IE
FPQRP #-6, FISTS #4985
QRP-l #1404, ARCI #11003

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Bill Dittrich

Sent: Saturday, January 05, 2002 9:38 PM

To: Low Power Amateur Radio Discussion

Subject: Re: OT: VirusScan by McAfee

I have the same problem with Outlook on my puter too.
I have McAfee (Ver. 5), but don't run it in the background, just
do scans every now and then. I even updated Outlook to the new Ver. 6,
still have the same problem. Half the time it just stops with
the blue box on the screen, I then look in the close program box...
(hit CNTRL-ALT-DEL once) and says it's not responding.
I HATE Outlook...<g>. Haven't found a fix for it either.

Bill D

>From: "Pat J. Whelton" <pwhelton@hal-pc.org>

>Reply-To: pwhelton@hal-pc.org

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: OT: VirusScan by McAfee

>Date: Sat, 5 Jan 2002 20:12:28 -0600

>

>I made the dumb mistake of ordering VirusScan at McAfee's website. I'm
>running Windows 98, Outlook 6.0 and Internet Explorer 6.0 and apparently
>VirusScan can't handle it. It has really hosed my system. Outlook now
>takes "FOREVER" to load. Oh, well, live and learn. Take my advice though
>... don't buy or install McAfee's VirusScan on your machine or you will be
>sorry.

>

>Sure was nice when I was fat, dumb and happy and didn't worry about virus
>attacks. I got along just fine. Now I try to be patriot Joe and screwed
>my
>machine up big time.

>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Sat, 5 Jan 2002 23:52:10 EST

From: NB6M@aol.com
To: QRP-L@lehigh.edu
Subject: [117060] Adios Hasta Mayo, Vamos a Mexico
Message-ID: <12f.a55ba7b.296931fa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

I'm headed to Mexico for a few months, doing some sailing in the Sea of Cortez and along the west coast of Mexico, as far south as Manzanillo or possibly Zijuatenejo. Hope to work some of you from NB6M/MM, or from XE2/NB6M.

I am taking QRP rigs with me for 80, 40, 30, and 20. While I am still in the Sea of Cortez, I will try to work mostly 80 and 40. As I move further south, in particular further south than Mazatlan, neither 80 or 40 are any good for me at QRP levels, usually not even at the 100 Watt level, so after I get further south than that, I am on 30 and 20 exclusively.

Have a good spring. See you all on the list in early summer, and in the meantime, hope to see you on the air.

Best 72/73

Wayne NB6M

P. S. This email address is now unattended.

Date: Sun, 6 Jan 2002 00:03:19 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <n2apb@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117061] Re: Ham library....
Message-ID: <000901c1966f\$755c3d00\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm currently using a LEXAR 48mb drive, USB enabled for similar applications, including digital pictures and presentations. Wal-Mart has them on sale with the USB reader for about \$60. A remarkable development, esp. if you're USB enabled.

73

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj aa1my@arrl.net

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "George Heron N2APB" <n2apb@erols.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, January 05, 2002 10:35 PM

Subject: Ham library in the palm of your hand

> Hi folks -

>

> Here's a neat tip if you happen to be the same kind of "technical research
> hound" as I.

>

> My daughters gave me a Christmas gift of an Archos "Jukebox Studio 20" --
> a

> small handheld, battery-operated 20 GB disk drive normally used by audio
> buffs for storage of MP3 music files. Now as it turns out, I don't happen
> to be into music enough to warrant having a device that holds the
equivalent

> of 500 music CD's.

>

> However, this Archos device also works as a simple external 20GB hard
drive

> connected to the PC through a USB port. And I DO have almost 50 *data*
> CD-ROMs that find extremely useful in different aspects of my QRP hobby -
> technical reading for enjoyment, writing articles for various
publications,

> referencing material for a constant stream of new homebrew designs, etc.

>

> So, long story short, I have placed the files from about 40 CD-ROMs onto
my

> Archos 20GB external drive for near-instant access. My online electronic
> library now consists of: Handbook CD, 30 years of QST, the entire QEX
> collection, 13 years of Ham Radio Magazine, 3 issues of the QRP-L Archives
> CD-ROM, AntenneX Libraries, AntenneX's Ham Workshop CD, LB Cebic W4RNL's
> CD-ROM, AntenneX's "Small Magnetic Loops", "The Loop" CD, two years of
> RADCOM magazine, The Milliwatt CD-ROM, 100 issues of SPRAT, several EDN CD
> collections, and 22 years of Circuit Cellar magazine. And I still have
room

> for about 20 *more* data or music CDs! (The device can handle both data
and
> music files simultaneously on its hard drive.)
>
> The beauty of this kind of electronic library is that I don't need to
place
> the CD-ROMs individually into the CD-ROM drive. Once they are all
initially
> loaded onto the drive, if I want to read an article from RADCOM, for
> example, I merely click on that folder and bingo, it appears. In another
> moment, I could click over to a related/referenced article in QST, or in
> QEX, or in ... well, you get the picture. Otherwise I'd be needing to lug
> around over 40 CDs, insert the desired one, and wait for it to spin up in
> order to get to the desired article.
>
> The convenience and portability is astounding. Great addition to the
laptop
> when traveling on business, relaxing at the cabin, waiting for heat #76 at
> those infernal swim meets on Saturday mornings, etc.
>
> It's not for everyone, as the Archos costs about \$200 ... but if you've
> accumulated CD-ROM data library over the years that costs over 4 times
that
> amount, or if you happen to get one as a gift from some wonderful
children,
> you'll find the utility.
>
> 73, George N2APB
>
> PS: The Archos "Jukebox Studio 20" specs can be found at
> http://www.archos.com/us/products/product_500205.html
>

Date: Sun, 6 Jan 2002 00:45:53 -0500
From: "Kevin M." <adverseyaw@twmi.rr.com>
To: <faunt@panix.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117062] Re: Kit for ugly construction, from UK
Message-ID: <009901c19675\$67d1d770\$1a751d41@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Doug,

That would be Manhattan construction here in the States.
We use clipped off strips of single sided board. Works the same.
Kevin, KC8SFJ

----- Original Message -----

From: "Doug Faunt N6TQS +1-510-655-8604" <faunt@panix.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 04, 2002 3:32 PM
Subject: Kit for ugly construction, from UK

> Hi people,
> There may be people who are workshop limited, and would find this a
> useful thing to have available.
> I just ran across it.
>
> <http://www.copperisland.biz>
>
> 73, doug
>

Date: Sun, 6 Jan 2002 00:52:20 -0500
From: "Kevin M." <adverseyaw@twmi.rr.com>
To: <dpayton@fwi.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117063] Re: Weatherproofing Connections
Message-ID: <00cd01c19676\$4e310fb0\$1a751d41@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dennis,
That 'silicone dielectric compound' sounds similar to the stuff we used
in the military (USAF) to corrosion proof HF antenna connections. We
would glob it around the long-wise where it entered the tensioner and
then slide the plastic strain relief over it. It worked quite well. Is
it a semi-clear grease? If so, that is what we used. It came in a tube
as I remember. Does anyone have a supplier for it?
Kevin, KC8SFJ

----- Original Message -----

From: "Dennis Payton" <dpayton@fwi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 04, 2002 11:59 PM

Subject: Weatherproofing Connections

> I've always believed the best way to keep moisture out of an outdoor
> connection is to fill the connection with something else, instead of
trying
> to isolate it. When I was a fairly new ham seven or eight years ago, I
ran
> across a tube of what I think is silicone grease, but it's called
'silicone
> dielectric compound' and I've always used it. In a manner sort of like
> packing bearings, I work it into every crack of a connector before
> connecting it. Sometime, I even try to work it into the end of the
coax
> before fastening the connector. After making the connection, I wipe
off most
> of the excess, then just leave it exposed to the weather. Any time I
> disconnect it, I squirt in a blob of grease before reconnecting it,
then
> wipe off most of the excess again. I even put a blob of it on the
joints of
> wire antennas. I've never had a problem with corrosion or moisture so
I'm
> sold on this method of weatherproofing. I'm sure it's not a new idea,
but
> all the hams around here seem to use silicone sealant and electrical
tape
> which I believe does an inferior job and is ridiculous to disconnect
and
> reconnect.
>
> My 'silicone dielectric compound' is almost gone but I found something
> called 'Lube Gel' at RS (#64-2326) that I think will work just as
well. It
> claims to stay in place, to not attract dust, and to be impervious to
salt &
> fresh water.
>
> Denny Payton N9JXY
> Auburn, IN
>
>

Date: Sun, 6 Jan 2002 00:55:18 -0500
From: "Kevin M." <adverseyaw@twmi.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117064] Re: 13 Tricks in Real World
Message-ID: <010f01c19676\$b83430e0\$1a751d41@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> At 08:40 AM 1/5/2002 -0500, John R Kirby wrote:
>
>
> >Red on Green
> >safe to go between
> >
> >John
> >N3AAZ
> >FM 19 xa
>
> Except in the case of approaching ships.:-)73 Pete NV4V
>
Or planes.

Red is Right is wRong.
How I remember that Green is on the right wingtip.
Kevin, KC8SFJ

Date: Sun, 06 Jan 2002 00:15:54 -0600
From: "George, W5YR" <w5yr@att.net>
To: adverseyaw@twmi.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117065] Re: 13 Tricks in Real World
Message-ID: <3C37EB9A.59E4C216@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Port wine is Red . . .

>From my flying days . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8
Amateur Radio W5YR, in the 56th year and it just keeps getting better!

Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

"Kevin M." wrote:

>
> Red is Right is wRong.
> How I remember that Green is on the right wingtip.
> Kevin, KC8SFJ

--

Date: Sat, 5 Jan 2002 23:36:43 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117066] Re: Weatherproofing Connections
Message-ID: <015801c1967c\$83955e80\$89142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe what you're referring to is Dow Corning DC4, widely used in the airline industry. A web search should turn up a supplier.
Bob Baxter AA7EQ
Bisbee, Az.

> Dennis,
> That 'silicone dielectric compound' sounds similar to the stuff we used
> in the military (USAF) to corrosion proof HF antenna connections. We
> would glob it around the long-wise where it entered the tensioner and
> then slide the plastic strain relief over it. It worked quite well.
Is
> it a semi-clear grease? If so, that is what we used. It came in a tube
> as I remember. Does anyone have a supplier for it?
> Kevin, KC8SFJ

Date: Sun, 6 Jan 2002 01:39:58 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <n5fc@io.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117067] Re: The Amazing Tiny Tornado!
Message-ID: <021501c1967c\$f6efb420\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's great to see people getting them on the air!

> Turns out the PC board's holes are big enough to take
> two leads in one hole.

That's one of the reasons I did that. Also, the holes for the transistors, XTAL, and LM386 are large enough for machine pin sockets. My transistors and XTAL are socketed so I can swap them out and experiment with different combinations. I used to have my output filter parts socketed... but now I'm moving them off the board. I've developed a simple and tiny band module for the Tiny-Tornado (will also work with most any simple rig like the Pixie, Tuna Tin 2, etc.) that includes a XTAL and output filter and brings everything out to a five-pin header. Using a simple switching scheme... a multi-band Tiny-Tornado can be built. I'm currently building a dual-band Tiny-Tornado and have plans for a quad-band version as well.

> 2. I changed C15 from 1000 pF to 8.2 pF. This gave me a 850 Hz "offset"
> when the crystal oscillator was trimmed to 10106 KHz. I'm guessing this
> will vary a lot, unit-to-unit.

Yes it will. Especially between bands. As you go from 80 meters to 20 meters - and especially 10 meters (using the same value caps for the offset) the offset increases as the frequency increases. So for example, on 10 meters, the offset may be too much with those values. I tried to choose values that would work for everyone... but I also knew it would take a bit of experimentation to custom fit the offset to everyone's taste. Anyway... wouldn't a nice dual-ganged variable work great? Would the tuning for TX and RX be linear? I'm going to try this.

> Shortcomings aside, the rig proves its point, and very well: a minimalist
> approach, while discarding features, will still get QSOs, and a kit built
> around this approach can be a load of fun to build and operate. Hats off
> to Brice KA8MAV for offering this fun kit! See <http://www.qrpp-i.com/>

Thanks to everyone who is building one. I'd like to hear from more people regarding their mods to the Tiny-Tornado.

73/72/71! de Brice KA8MAV
<http://www.QRPp-I.com>

Date: Sun, 06 Jan 2002 04:37:01 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Steve.Lawrence@ITWFEG.COM
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117068] Re: Good Straight Key?
Message-ID: <3C381ABD.EE98E0F3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

A straight key, in fact any key, even a bug or a paddle, is a highly personal piece of gear. It's like a razor, or something even more personal. What one person likes the next will hate!

In the military you had little or no choice, you used what they gave you! In the early days of the telegraph and in CW shore stations it was not uncommon for operators to bring their own personal key with them to work.

Why should hams be any different? Over the years I have used many straight keys and not a few bugs and paddles. Some worked for me and some are relegated to the shelf! If you are looking for a new key, don't take the advice you get on here as gospel. The only way you will know if you like it is to try it. That involves a trip to the ham store, or a hamfest. You won't be unhappy!

73

Date: Sun, 6 Jan 2002 04:39:55 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, pwhelton@hal-pc.org
Subject: [117069] Re: OT: VirusScan by McAfee
Message-ID: <3C37D51B.12349.EA293@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I too have had negative experiences with McAfee on the home machine. It slowed my machine down big time and scans would take forever. When I tried to uninstall, it left all sorts of crap on my system registry. Had to use System Mechanic to clean things up. I would not wish it on my worst enemy. I have been quite satisfied with PCcillan which came with the install disc on my mobo.

Despite all of this, McAfee seems to work fine on the office network. I guess the moral is that if you have the time, you can configure your system so that it is compatible with the software. If you are a casual user, forget it.

I also have a strong dislike of Outlook but that is another story. The Pegasus mail reader works fine for me.

Henry

On 5 Jan 2002, at 20:12, Pat J. Whelton wrote:

> I made the dumb mistake of ordering VirusScan at McAfee's website.

Date: Sun, 06 Jan 2002 04:44:34 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: pwhelton@hal-pc.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117070] Re: OT: VirusScan by McAfee
Message-ID: <3C381C82.286FC2BA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pat,

That strikes me as pretty nasty. Just because you bought something that does not work does not mean someone else won't be happy with it. McAfee makes good products. Did you specify what software you were running before you bought the VirusScan? Have you asked them what might be wrong? Are you sure your computer system is without fault?

I don't use McAfee, I use Norton instead. I always have, for some 10 years now. There are many things they do that annoy me, but in general the product, along with their Live Updates, have kept me virus free.

Is the situation just a first time load problem or it is continuous? You may be completely in the right, but I think you shot without either giving McAfee a chance or without telling us the whole story!

Date: Sun, 06 Jan 2002 10:42:39 +0000
 From: Dragon Singer <WM-Scace@wiu.edu>
 To: "low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [117071] Words of advice...
 Message-ID: <5.1.0.14.0.20020106104140.01ce3df0@pop3.wiu.edu>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

Wayne K9DI es Sequoia here. Stephanie (my XYL), Sequoia (my Leader Dog) es I will most likely be attending FDIM 2002!! However, I want to take a few minutes es acquaint U my brother es sister hams of some necessary rules of engagement when U encounter a dog guide team (Not all trained dog guides [generic legal term] are Seeing Eye Dogs [this title is reserved for dog guides that have graduated from The Seeing Eye (TSE) school in Morristown NJ]). I'm doing this to avoid aggravation to everyone.

RULES OF ENGAGEMENT:

Rule of Engagement #1:

DO NOT pet a dog guide without first a.) asking the handler, or b.) Having an invitation from the handler. {sidenote: ask the handler not the people with the handler. We're blind not deaf, dumb or stupid (grinz)}

Rule of Engagement #2:

DO NOT talk to the dog. If the dog gets distracted one of us could get hurt. If I get hurt, I'll heal, but if Sequoia gets hurt it might end his guiding career if not his life. Ur endangering a \$25,000.00 investment by Leader Dogs. {sidenote: If Sequoia had graduated from TSE the investment would be \$50,000.00}.

Rule of Engagement #3:

DO NOT under any circumstances ever, EVER, feed a dog guide human food (it makes them sick). {Sidenote: especially chocolate. It WILL KILL THE DOG!} These dogs are on a very strict es regimented diet es schedule so that they can be in public.

Rule of Engagement #4:

DO NOT under any circumstances grab ahold of a dog guides leash or harness. It's akin to someone from the passenger seat grabbing the steering wheel of a car driving down the road. Also please be VERY careful when walking around a dog guide at rest. Ask es I'll teach U the "Leader Dog Shuffle". Corollary to Rule #4 DO NOT give my dog commands! That is one of the most irritating behaviours (next to petting without asking) the general public seems to insist on doing.

Yes I know Sequoia es most working dogs are extremely handsome, but they have a job to do. They are living breathing creatures, but they are also prosthetics just like a pair of glasses, a fake leg or arm.

There are also some common sense things to remember when Ur around a blind or visually disabled (To HELL with being PC) person. When we ask for directions please don't point. We can't see where Ur pointing at. If U are sight-guiding a blind person NEVER, under any circumstances, take ahold of them, instead offer the blind person Ur elbow. Also if Ur sight-guiding make sure to allow clearance for the both of U. DO NOT shout, we're blind not deaf (in most cases anyway).

I try to be friendly, but being interfered with really gets on my nerves (not to mention that interfering with a dog guide team is a felony in most states).

I'm asking U to spread the word so that we all can have a safe enjoyable time at FDIM. 72 es M00/00
de

Wayne K9DI

P.S. Any comments?

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net

LICQ# 315313

FISTS# 4409

QRP-L# 2313

FPQRP-L# 217

SOC# 452

ARS # 1,082

Zombie # 800

<http://k9di.homestead.com/K9DIHam1.html>

Date: Sun, 6 Jan 2002 11:25:20 +0000

From: euramcom pages <mel@euramcom.freemove.co.uk>

To: <qrp-l@lehigh.edu>

Subject: [117072] POSH

Message-ID: <T5847f4ca82ac1785e72b2@pcow029o.blueyonder.co.uk>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Department of useless information.

Supposedly the origin of the word POSH as in "upper class" is=
from
the phrase

Port Out, Starboard Home

and was used in the great days of the steam lines cruises by the=
top
class passengers for their choice of cabins. I beleieve the=
theory
was to keep the sun on or off one's features, not sure which.

Regards

Mel
GM6JAG Edinburgh, Scotland
Home of the last HW9

Date: Sun, 6 Jan 2002 07:41:02 -0500
From: Haines Brown <brownh@hartford-hwp.com>
To: mel@euramcom.freeseve.co.uk
Cc: qrp-1@Lehigh.EDU
Subject: [117073] Re: POSH
Message-ID: <200201061241.g06Cf2a11822@hartford-hwp.com>

I hesitate to add to an OT thread, but,

> Port Out, Starboard Home
>
> and was used in the great days of the steam lines cruises by the top
> class passengers for their choice of cabins. I beleieve the theory
> was to keep the sun on or off one's features, not sure which.

The "port out, starboard home" refers to the side of the bouy you
should keep on so that shipping traffic is organized outside a
port. The red bouy is kept to your right as you return to port, and to
your left as you leave it. This is not specific to old steamships, for
I had to know this on a submarine.

Since the idea primarily has to do with navigation rather than any
passengers, your interpretation of "POSH" might be a little suspect,
as attractive as it is.

Haines KB1GRM

Date: Sun, 06 Jan 2002 05:23:03 -0800 (PST)
From: Chuck Carpenter <W5USJ@go.com>

To: qrp-1@Lehigh.EDU
Cc: qrpp-i@yahooogroups.com
Subject: [117074] RG-174 es BNC/SMA sans Crimp
Message-ID: <7148396.1010323383784.JavaMail.W5USJ@gmailjtp04>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

RG-174 coax, as many know, is useful for many things in QRP construction.
Especially T/R connections.

Using it with BNC connectors is not the simplest or easiest thing to do. Unless you have a set of crimping tools, connections with RG-174 to BNC can be awkward and even messy.

My solution, although not the least costly, is to use preassembled SMA cables and SMA/BNC adapters. At the transmitter and or receiver end, I use a chassis mount SMA connector. Use a short cable with SMA to SMA connectors and then an SMA/BNC adapter to connect to the transmatch/antenna/dummyload, &c. You could also use slide-on SMB cable and adapters to do the job.

Chuck, W5USJ, Point, Rains Co TX EM22cv, NE-TX QRP #1

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

Date: Sun, 6 Jan 2002 09:06:03 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117075] Re: 13 Tricks in Real World
Message-ID: <20020106140717.QBGC28533.imf09bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/5/02 6:55 PM, KennyMac at killmodell@accesstoledo.com wrote:

>When landing my cessna at night I always remember "red over white...your all
>right....red over red.....your dead" :)

"White over white, high as a kite."

(All of these alliterations refer to the VASI (Visual Approach Slope

Indicator), which pilots can use to guide themselves on a standard approach path to the runway. The VASI consists of two bars of lights which change color from Red to White at a certain angle.)

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Sun, 6 Jan 2002 07:26:17 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [117076] Re: OT: VirusScan by McAfee
Message-ID: <001201c196be\$1b2d70c0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

I run Norton AV 2001 on my system and have been *very* happy with it. It automatically updates its virus signatures when I connect to the internet, and it catches email viruses before I could even have the opportunity to open them (especially the ones where you don't have to open the attachment manually).

I'm running it on a 700 MHz AMD Athlon system with 128 MB of memory, but it also ran fine (even with auto-protect enabled, which is the way you should be running it) on my older system, a 120 MHz Pentium with 48 MB.

YMMV.

73 de Dave NK0E

Date: Sun, 6 Jan 2002 09:24:56 -0500
From: "John Dorson" <jdorson@Worldshare.net>
To: <W5USJ@go.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117077] Re: RG-174 es BNC/SMA sans Crimp
Message-ID: <008601c196bd\$edc858c0\$6296f4d1@atwork>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck I think I have an easier way to use RG-174. I simply buy BNC connectors with 174 adapters, the same way you would use different adapters for PL-259s.

John K2JHU...

----- Original Message -----

From: "Chuck Carpenter" <W5USJ@go.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, January 06, 2002 8:23 AM

Subject: RG-174 es BNC/SMA sans Crimp

> RG-174 coax, as many know, is useful for many things in QRP construction. Especially T/R connections.

>

> Using it with BNC connectors is not the simplest or easiest thing to do. Unless you have a set of crimping tools, connections with RG-174 to BNC can be awkward and even messy.

>

> My solution, although not the least costly, is to use preassembled SMA cables and SMA/BNC adapters. At the transmitter and or receiver end, I use a chassis mount SMA connector. Use a short cable with SMA to SMA connectors and then an SMA/BNC adapter to connect to the transmatch/antenna/dummyload, &c. You could also use slide-on SMB cable and adapters to do the job.

>

>

> Chuck, W5USJ, Point, Rains Co TX EM22cv, NE-TX QRP #1

>

>

> -----
> GO.com Mail

> Get Your Free, Private E-mail at <http://mail.go.com>

>

>

Date: Sun, 6 Jan 2002 07:32:09 -0700

From: "Dave Ek" <ekdave@earthlink.net>

To: <qrp-l@lehigh.edu>

Cc: <rwdittrich@hotmail.com>

Subject: [117078] Re: OT: VirusScan by McAfee

Message-ID: <001601c196be\$eda746c0\$0100a8c0@oldman>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bill,

You MUST run your antivirus software "in the background" (also known as auto-protect mode) in order to protect yourself from some of the newer email viruses going around. The newer viruses are such that simply opening the infected email is enough to cause the virus attachment to execute automatically. No longer can you just be safe by not executing any attachments manually. If you're running Outlook Express with the preview pane open, the attachment will get executed simply by viewing the infected email in the preview pane.

73 de Dave NK0E

>I have the same problem with Outlook on my puter too.
>I have McAfee (Ver. 5), but don't run it in the background, just
>do scans every now and then. I even updated Outlook to the new Ver. 6,
>still have the same problem. Half the time it just stops with
>the blue box on the screen, I then look in the close program box...
>(hit CNTRL-ALT-DEL once) and says it's not responding.
>I HATE Outlook...<g>. Haven't found a fix for it either.
>
>Bill D

Date: Sun, 6 Jan 2002 09:30:37 -0500
From: "John Dorson" <jdorson@Worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [117079] FS: QRP+
Message-ID: <00b601c196be\$b9615180\$6296f4d1@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRP+ all band 5 watt CW/SSB QRP transceiver.
Serial number 1043 with updated E-Prom. Exce. cond.
With manual, DC cable, Mic in original box.
Asking \$300.00 plus insured shipping in USA.

John K2JHU...(321) 676-4699

jdorson@worldshare.net

Date: Sun, 6 Jan 2002 07:35:22 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [117080] Re: FS: Wilderness Sierra/KC-2/5 band modules
Message-ID: <001a01c196bf\$603b3f20\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The Sierra has been spoken for.

73 de Dave NK0E

Date: Sun, 6 Jan 2002 07:40:02 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [117081] OT: Re Viruses--one more thing
Message-ID: <002201c196c0\$075ce420\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Here's a good article on the emerging threats to home computers:

<http://www.cnn.com/2002/TECH/ptech/01/04/hacking.home.computers.ap/index.htm>

1

Bottom line--if you're connected to the net, you should keep your system patched, your anti-virus software up to date, and run a good firewall.

73 de Dave NK0E

Date: Sun, 6 Jan 2002 07:19:24 -0800 (PST)
From: Ekim Snave <kd5aad2000@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117082] Re: POSH
Message-ID: <20020106151925.63713.qmail@web10906.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have heard both interpretations. The first one I heard was from a professor at the University of Texas. He talked about how the term 'posh' came about and why it is used in connotation with luxury. He talked about the days of the British Empire with India as the jewel in its crown. He explained that anyone who was anyone in British society at that time was trying to get posted there and get their ticket punched. And the punchline to his story was that their **actual** tickets, if they were well to do, were stamped POSH - Port Out, Starboard Home so that the upper crust would be more comfortable in their cabins relative to the position of the sun.

72/73

Mike KD5AAD (also off topic....sorry! :-)

--- Haines Brown <brownh@hartford-hwp.com> wrote:
> I hesitate to add to an OT thread, but,
>
> > Port Out, Starboard Home
> >
> > and was used in the great days of the steam lines
> cruises by the top
> > class passengers for their choice of cabins. I
> beleieve the theory
> > was to keep the sun on or off one's features, not
> sure which.
>
> The "port out, starboard home" refers to the side of
> the bouy you
> should keep on so that shipping traffic is organized
> outside a

> port. The red bouy is kept to your right as you
> return to port, and to
> your left as you leave it. This is not specific to
> old steamships, for
> I had to know this on a submarine.
>
> Since the idea primarily has to do with navigation
> rather than any
> passengers, your interpretation of "POSH" might be a
> little suspect,
> as attractive as it is.
>
> Haines KB1GRM

Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
<http://promo.yahoo.com/videomail/>

Date: Sun, 6 Jan 2002 10:24:34 EST
From: ARDUJENSKI@aol.com
To: nwq-1@scn.org, qrp-1@lehigh.edu
Subject: [117083] Build a remote antenna switch unit
Message-ID: <145.7683037.2969c632@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I found this site with a good HOW TO on building your own remote antenna
switching device.
<http://member.va-village.com/n4tux/remote.htm>

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Sun, 6 Jan 2002 09:28:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@LeHigh.EDU>
Subject: [117084] AVG question
Message-ID: <Pine.LNX.4.33.0201060921200.14221-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Can anyone e-mail me direct to tell me how to set AVG up so it scans incoming e-mail for any viruses please?...thank you...I don't seem to have it set correctly...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
- AVG Virus Protection -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 6 Jan 2002 10:37:37 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [117085] Fw: RG-174 es BNC/SMA sans Crimp
Message-ID: <00df01c196e1\$376a35c0\$f1e7d73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John/Chuck-

The BNC /RG-174 cables are available ready-made from Jameco Electronics. They're the source of the cable the NE QRP club is supplying with the Noise Bridge.

73- Dave, K1SWL

-----Original Message-----
From: John Dorson <jdorson@Worldshare.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, January 06, 2002 6:28 AM
Subject: Re: RG-174 es BNC/SMA sans Crimp

Chuck I think I have an easier way to use RG-174. I simply buy BNC connectors with 174 adapters, the same way you would use different adapters for PL-259s.
<snip>

Date: Sun, 6 Jan 2002 07:51:54 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117086] Re: POSH
Message-ID: <001b01c196ca\$106fb100\$0500a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pish-posh!

72, Dave, AD6A

Date: Sun, 06 Jan 2002 10:43:31 -0500
From: Thomas Jennings <jennings@eznet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117087] Fox: KV2X Final Log
Message-ID: <3C3870A3.F9176540@eznet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Below is the my final log. Sorry for the delay but
the holidays kept me pretty busy.

73 es GL fox hunting

Tom kv2x

Time	Call	RPT	SPC	Name	Power
200	K3IU	559	RI	KEN	5W
201	K3PH	559	PA	BOB	5W
203	WA8WV	559	WV	DAVE	5W
203	WA9TZE	559	WI	JIM	5W
203	N4ROA	559	VA	DAN	5W
204	N3BJ	559	VA	ALAN	5W
206	K8CV	559	MI	WALT	4W
206	W9XU	559	WI	LON	5W
207	WE9K	559	WI	GLENN	5W
208	NK9G	559	WI	RICK	5W
210	KD5KXF	559	TX	MIKE	5W
211	K9IS	559	WI	STEVE	5W
212	K4ADI	449	SC	FRANK	5W

212	N8VJW	559	MI	JOHN	5W
213	N9NE	559	WI	Todd	5W
214	K8KFJ	559	WV	GARY	5W
215	NU8S	559	OH	DENNIS	5W
216	K9UT	559	IN	JERRY	5W
217	AE4Y	559	GA	KENT	5W
218	WV9N	559	OH	RANDY	5W
219	N9AW	559	WI	JERRY	5W
220	N1LN	559	TX	BRUCE	5W
221	N1FN	559	CO	ET	5W
222	K4BYF	559	FL	JACK	5W
223	K9DC	559	IN	DAVE	5W
224	K0EVZ	559	CO	DOC	5W
225	KV4EE	559	SC	CRAIG	5W
225	W5YR	559	TX	GEORGE	5W
227	W0UFO	559	MN	MERT	5W
228	N0DSP	559	CO	TOM	5W
229	W3WT	579	MD	JOHN	5W
230	K4JPN	559	GA	STEVE	5W
231	N8VJW	559	MI	JOHN	5W
232	K9IUA	559	IA	KEVIN	5W
233	KK5LD	559	TX	JIM	5W
235	VE4WI	559	MB	CRAIG	5W
236	AA50	559	LA	VERN	5W
237	W0CH	559	MO	DAVE	5W
238	N8IE	559	OH	DAN	5W
240	K4TJD	559	GA	TOM	5W
241	AC5JH	559	OK	TOM	5W
242	K4GT	559	GA	JIM	5W
242	KR5C	559	TX	GEORGE	5W
243	K8DDD	569	MI	HANK	5W
244	N0AR	559	MN	SCOTT	5W
246	W5XU	559	TX	AL	5W
247	N3ZPQ	559	OH	FRANK	5W
248	K4FB	549	FL	PAUL	5W
249	AF4PS	559	FL	MAC	3W
250	KQ5U	559	TX	TERRY	5W
251	WB8RCR	459	MI	JOHN	5W
252	AF4LQ	559	KY	MIKE	5W
253	KC1FB	559	CT	JIM	5W
255	K5PSH	559	TX	JERRY	5W
255	W5TB	559	TX	DOC	5W
257	VE3FAL	559	ON	FRED	2W
258	K5JHP	559	TX	BILL	5W
258	N1TP	559	FL	TOM	5W
259	W5USJ	559	TX	CHUCK	5W
302	K5DI	339	NM	KARL	5W
302	AB0CD	559	CO	DICK	5W

Dup

304	K5EOA	559	LA	WAYNE	5W	
305	W0PWE/9	559	WI	JERRY	5W	
306	K7TQ	559	ID	RANDY	5W	
308	VE6JAZ	559	AB	ROB	5W	
309	KB0LUR	559	CO	PAUL	1W	
310	W9HL	559	IL	RANDY	5W	
311	KJ0C	559	MO	JIM	5W	
312	WD7Z	559	NM	DAVE	5W	
313	KI0II	559	CO	RON	5W	
315	K6VNX	559	CA	ARLEN	5W	
315	N0UR	579	MN	JIM	5W	
316	K8MIA	559	WV	JIM	5W	
320	KG4LDY	559	VA	JIM	5W	
321	NV4V	559	KY	PETE	5W	
323	K5DW	559	TX	DON	5W	
324	N0RC	559	CO	ROD	5W	
326	AA7XA	559	OR	FRANK	3W	
327	AG0T	559	ND	TODD	4W	Dup
328	N0TC	559	ND	BOB	5W	
333	KB7WW	559	OR	ART	5W	
335	VE5RC	559	SK	BRUCE	5W	
336	VE6EX	559	AB	DAN	5W	
337	N9WW	599	IL	JIM	4W	
342	AG0T	559	ND	TODD	4W	
343	K0FPR	579	CO	AL	5W	
355	KB9YIG	559	IN	TONY	5W	
357	N2WW	559	CO	LARRY	5W	
400	KV2X	FOX	NY	TOM	5W	

Date: Sun, 6 Jan 2002 09:01:10 -0700
 From: "Dave Ek" <ekdave@earthlink.net>
 To: <qrp-1@lehigh.edu>
 Subject: [117088] Re: OT: Re Viruses--one more thing
 Message-ID: <001001c196cb\$5c8daa00\$0100a8c0@oldman>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

Gang,

In my previous post, the URL was mangled. The email software evidently thinks that the URL is too long to fit on one line, so it put the trailing "l" on the next line. Copy the link into your browser, and then add the "l" to make it ".html" at the end, and then it will work.

><http://www.cnn.com/2002/TECH/ptech/01/04/hacking.home.computers.ap/index.htm>
>1

73 de Dave NK0E

Date: Sun, 06 Jan 2002 11:14:01 -0500
From: "Bill Dittrich" <rwdittrich@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [117089] Re: OT: VirusScan by McAfee
Message-ID: <LAW2-F69MjiGwYt7yiG00000b17@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Becasue of Outlook's performance on my "big" puter (the one I use for playing games), I use my ol'puter for email, on that I have Norton systems running all the time, checking everything, even script files on web sites...<s>.

>From: "Dave Ek" <ekdave@earthlink.net>
>To: <qrp-1@Lehigh.EDU>
>CC: <rwdittrich@hotmail.com>
>Subject: Re: OT: VirusScan by McAfee
>Date: Sun, 6 Jan 2002 07:32:09 -0700
>
>Bill,
>
>You MUST run your antivirus software "in the background" (also known as auto-protect mode) in order to protect yourself from some of the newer email viruses going around. The newer viruses are such that simply opening the infected email is enough to cause the virus attachment to execute automatically. No longer can you just be safe by not executing any attachments manually. If you're running Outlook Express with the preview pane open, the attachment will get executed simply by viewing the infected email in the preview pane.
>
>73 de Dave NK0E

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<http://www.hotmail.com>

Date: Sun, 6 Jan 2002 11:23:52 -0500
From: "Brian - KF2HC" <kf2hc@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [117090] Re: AirPorts/Ham Radio Equip - Semi Long
Message-ID: <000301c196ce\$89f13400\$d1392644@verona01.nj.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi John...

I just saw your query this morning. Now days (most) airport security requires you demonstrate electronic equipment you'd like to carry on. Even if you could fire up your HF rig to show them it works you risk the chance they may not understand it and deny permission to let it pass. At that point you'd have to go back to the ticket counter and have them recall your checked bags so you can put your rig one of them. Not a great way to start a trip. You're doing the right thing. Pack all radio gear in a secure bag and check it. Carry the your license and the radio manual with you. One will enforce the other in the event you're pulled aside and questioned about the contents of your check-in bag. (They do X-ray them).

For those who are interested in my most recent traveling with radios experience:

My wife and I flew to Saint Martin right after Thanksgiving. Usually we would have larger transceivers in our carry-ons with no questions asked but that was before Sept 11. This year we took two IC-706s, power supplies, antenna tuners, headsets, mikes, paddles, straight key, a Force-12 Sigma 5 antenna (broke down into 24" sections), dipoles, ropes, hand tools...you get the picture. After much consideration we decided the best idea was to pack all radio equipment in check-in bags and hope it didn't get lost. We had a non stop flight (from JFK) and figured if we checked our luggage early there was little chance of anything getting lost between the terminal and the plane. I carried the radio manuals, our licenses, and a copy of the CEPT agreement in my carry-on. (KF2HC Travel Tip: Always bring the original and a copy of your license when planning to operate from a foreign country. Bring two copies of the CEPT agreement if you plan to operate under reciprocal licensing. One should be with you when you operate and the other is in the event you need to "educate" any local officials)

Checking in at JFK presented no problems. My greatest concern was one of the bags might be over the 70 lb. check-in weight limit. It wasn't. Passing through security was uneventful as well. JFK has a web page where you can

find a list of guidelines for passing through security and for carry-on baggage. It was very helpful and, I think, instrumental in getting through unscathed. Their bottom line was, in essence, if you don't have any restricted or questionable items (aerosol cans, bottled liquids, sharp objects, etc.) and they can identify everything in your bag with the X-ray machines they will probably will not want to inspect your bag. I recommend checking with your airport before packing your carry-ons.

Coming home from St Martin was slightly different. At Princess Juiliana Airport all check-in bags are inspected by sheriff's officers before you get to the ticket counter. Our young (perhaps 22 yrs old) officer received quite an education in ham radio which he had never heard of until that morning. I knew he had no clue what he was looking at while poking through the antenna/misc equipment bag. The only thing he questioned was the paddles. He was overwhelmed by the large, padlocked Pelican case that held all the electronics. I think it was all very James Bond to him and he let us pass with a comment that maybe he should learn Morse code, too. Gate agents did random inspections of carry-on bags while boarding but of course Ann and I were motioned directly to the plane. After all-who in their right mind would stop Mr & Mrs James Bond? Everything arrived at JFK without incident.

Compared to other countries air travel in the states has been very laxed. Only recently have we been subjected to "increased security measures". We have friends and relatives in foreign countries who have delt with it for years. I have no problem adjusting accordingly. Before this trip most of my concerns were because I didn't know what to expect. Each airport, and each country, has it's own way of handling things. Now that we've been through it I feel better about traveling with the radios. My new rule of thumb is to approach each trip as though I'm traveling in a war zone. That's not to say I'm paranoid rather I expect to be questioned each step of the way. If I present no suspicions, have proper documentation, and all the right answers I'll be sent on my way. A bit dramatic perhaps but so far so good.

Happy Trails!
Brian KF2HC
kf2hc@home.com

Date: Sun, 6 Jan 2002 11:34:13 -0500
From: w4bws@juno.com
To: alan.kaul@worldnet.att.net
Cc: qrp-1@Lehigh.EDU

Subject: [117091] Re: 6M- not so Oh-Tee
Message-ID: <20020106.113427.-156753.0.W4BWS@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

It;'s Sunday at 11.00 AM EST I have been hearing the V01ZR
beacon on 50.041 and VE8BY beacon on 50.050 for 2 hours
here in Florida. Also V01BC is on 50.140. He keeps fading in
and out -I hope to get him later as he does not here me yet.
Don W4BWS

On Sat, 5 Jan 2002 16:44:22 -0800 "Alan Kaul"
<alan.kaul@worldnet.att.net> writes:
> Jazzed by Dave Benson's report, I put my FT-817 (5w) with a three-el
> homebrew Yagi at 50 feet on 6m twice this afternoon and the band
> was dead both times at my QTH!! So I called CQ a couple of times
> on 50.125 with nothing heard.

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Date: Sun, 6 Jan 2002 16:55:26 -0000
From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: "GQRP Mailing List" <qgrp@yahoogroups.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117092] Altoids
Message-ID: <MABBLGJEEFHCJIEHNCOFOEOGCOAA.stephen@stevef.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ladies and gentlemen,

Check out www.altoids.com for all you need to know. Also I was watching
"Carry on Sergeant" this afternoon which is a classic British comedy film
from the 1950s. The character played by Kenneth Connor can be seen munching
on an altoid from time to time as the tin is clearly visible. Those of you
who did National Service might have some comments on this.

Steve

PS The new heart shaped tin might be fun to build a radio in

Date: Sun, 6 Jan 2002 12:03:09 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117093] Re: OT: VirusScan by McAfee
Message-ID: <002b01c196d4\$04e78740\$6501a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pat,
I don't usually get on the soap box about these subjects, but here I have to concur with what Bruce said.
I can understand you not having a good time with a "product" and that it might have had a glitch or need some fine tuning.....
To say that it does not work is an incorrect statement..
I happen to have used several different Virus Scanners and have had good luck with most of them....
It is when you turn them off, or don't keep them fine tuned that they do not work.
The fault is usually the person keying the keyboard, and changing different settings on programs....
not the programs themselves...
and if you keep them up and running, add the updates regularly and keep a firewall,
a good one, you will not have other systems trying to access your system, or sending you "corruptible" materials....
Just to say one is better than another is the best thing we have in our society and that is the choice of what we want and to be satisfied with one or the other.
I like the one I have now running and it is working as long as I don't turn it off, forget to turn it back on, and keep the firewall running too.....
So, that is my \$.02....

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, January 06, 2002 4:44 AM
Subject: Re: OT: VirusScan by McAfee

> Pat,
>
> That strikes me as pretty nasty. Just because you bought something that
> does not work does not mean someone else won't be happy with it.
> McAfee makes good products. Did you specify what software you were
> running before you bought the VirusScan? Have you asked them what might
> be wrong? Are you sure your computer system is without fault?
>
> I don't use McAfee, I use Norton instead. I always have, for some 10
> years now. There are many things they do that annoy me, but in general
> the product, along with their Live Updates, have kept me virus free.
>
> Is teh situation just a first time load problem or it is continuous?
> You may be completely in the right, but I think you shot without either
> giving McAfee a chance or without telling us the whole story!
>
> 73

Date: Sun, 06 Jan 2002 17:28:52 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: nn1g@earthlink.net, qrp-1@Lehigh.EDU
Subject: [117094] Re: Fw: RG-174 es BNC/SMA sans Crimp
Message-ID: <F221z1FsvNZxnywP8bM0001882c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Dave Benson" <nn1g@earthlink.net>
>Reply-To: nn1g@earthlink.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Fw: RG-174 es BNC/SMA sans Crimp
>Date: Sun, 6 Jan 2002 10:37:37 -0800
>
>John/Chuck-
>
>The BNC /RG-174 cables are available ready-made from Jameco Electronics.
>They're the source of the cable the NE QRP club is supplying with the Noise
>Bridge.
>

RS Components (UK, but they are available in the US) sells solder BNC connectors that take RG-174 directly. We used them where I used to work.

I picked up some made-up crimped cables with a BNC bulk-head connector at one end , about 9" RG-174, and an SMA at the other end, quite cheaply at a radio rally. I thought they might come in useful one day.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Sun, 6 Jan 2002 17:31:21 -0000
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117095] Re: Altoids
Message-ID: <000d01c196d7\$f6fb8ba0\$2a904d0c@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have the heart-shaped tin and I am holding out for the "perfect" project. Maybe someone will devise a xcvr on a heart-shaped PCB. Hmmmmmm.....maybe I will do something ground-plane, either dead bug or manhattan...hmmmm....
Joe AD4IH

----- Original Message -----

From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 06, 2002 04:55 PM
Subject: Altoids

| Ladies and gentlemen,

|

| Check out www.altoids.com for all you need to know. Also I was watching
| "Carry on Sergeant" this afternoon which is a classic British comedy film

| from the 1950s. The character played by Kenneth Connor can be seen
munching
| on an altoid from time to time as the tin is clearly visible. Those of you
| who did National Service might have some comments on this.
|
| Steve
|
| PS The new heart shaped tin might be fun to build a radio in
|

Date: Sun, 06 Jan 2002 09:35:37 -0800 (PST)
From: Chuck Carpenter <W5USJ@go.com>
To: Dave Benson <nn1g@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117096] RG-174 es BNC [Assembled]
Message-ID: <5448543.1010338537675.JavaMail.W5USJ@gomailjtp04>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thanks, Dave.

Yep, right there at the bottom of the list including RG-6 and RG-58 assembled
cabled. Missed it...

>The BNC /RG-174 cables are available ready-made from Jameco Electronics.

Chuck, W5USJ, Point, Rains Co TX EM22cv, NE-TX QRP #1

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Date: Sun, 6 Jan 2002 11:39:43 -0600
From: "tmyers" <tmyers@AcademicPlanet.com>
To: <brownh@hartford-hwp.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117097] Re: POSH
Message-ID: <006301c196d9\$246edf00\$1600a8c0@newkid>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The rule you may be referring to is "red right returning." (red buoys that is) (returning is from open water) (on the right side of the vessel)

----- Original Message -----

From: Haines Brown <brownh@hartford-hwp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, January 06, 2002 6:41 AM
Subject: Re: POSH

> I hesitate to add to an OT thread, but,
>
> > Port Out, Starboard Home
> >
> > and was used in the great days of the steam lines cruises by the top
> > class passengers for their choice of cabins. I beleieve the theory
> > was to keep the sun on or off one's features, not sure which.
>
> The "port out, starboard home" refers to the side of the bouy you
> should keep on so that shipping traffic is organized outside a
> port. The red bouy is kept to your right as you return to port, and to
> your left as you leave it. This is not specific to old steamships, for
> I had to know this on a submarine.
>
> Since the idea primarily has to do with navigation rather than any
> passengers, your interpretation of "POSH" might be a little suspect,
> as attractive as it is.
>
> Haines KB1GRM
>

Date: Sun, 6 Jan 2002 17:43:42 -0000
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
To: <jpkeon@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117098] Re: OT: VirusScan by McAfee
Message-ID: <001f01c196d9\$df2ca840\$2a904d0c@pavilion>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I also agree with Bruce and John. A local ham was infected and I called him. He said he had the "best" AV system available and has had it for two years. When I asked him when he last up-dated his virus definitions his response was, "What do you mean?" After some discussion we determined his Norton was very old (three years) and he had never renewed his subscription. Fine-tuning? He never even kept it coarse-tuned!

Joe AD4IH

----- Original Message -----

From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 06, 2002 05:03 PM
Subject: Re: OT: VirusScan by McAfee

| Pat,
| I don't usually get on the soap box about these subjects, but here I have
to
| concur with
| what Bruce said.
| I can understand you not having a good time with a "product" and that it
| might have had
| a glitch or need some fine tuning.....

Date: Sun, 06 Jan 2002 08:24:12 -0700
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117099] Re: SWR, Theroy vs. Real World Conditions
Message-ID: <000201c196ce\$f45c3ec0\$dec0a9d8@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi George and All,

Here is something that took me about 2 years to figure out:

> It is very easy to get tripped up on words that mean different things to

> different people.

My last 11 1/2 years of work was done at The Desert Research Institute. I was working with both scientists and engineers. I tend to "paint" little word pictures to "show" what I mean. Those two groups listen to each word and hear what you are really saying, NOT what you are really meaning and sometimes those two are a long way apart!

I have a hunch that many others fall into the same trap and have, like me, never really stopped to ask just what a term like "output impedance" really means!

But now look at this:

> So, and here is the hooker, just because the transmitter ultimately demands
> a 50 ohm load to produce rated power at specified efficiency and
> distortion, etc., does not necessarily mean that its output impedance is 50
> ohms

Now I understand why it's wrong to use that term!

So I grabbed my manual for the FT-100 to see if maybe Yaesu could be blamed for giving me a bad habit. They use the word Impedance three times in the specifications. Once as "Audio output impedance: 4 ohm - 8 ohm", once as "Microphone impedance: 200 ohm - 10K ohm" and once as "Antenna impedance: 50 ohm, unbalanced".

OK for the RF side of things. It sounds like they avoid the "output impedance" misnomer but isn't it also wrong to use that term for audio and for the same reasons?

I have found this to be a VERY interesting decision and want to thank George, Glen, Nick, John and anyone I might be forgetting for taking the time to make those posts.

There is only one thing wrong with doing this..... I have more questions! See what you might have started? :-)

OK, back in my hole for a little while.

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ.

Date: Sun, 6 Jan 2002 12:29:11 -0600

From: George Franklin <w0av@juno.com>
To: dave@redhotradio.com
Cc: qrp-1@Lehigh.EDU
Subject: [117100] Re: POSH
Message-ID: <20020106.123426.-96285.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Balderdash!

Flapdoodle!

Strong words, sir.

Apologies to Jeeves and Wooster.

72 de George/W0AV

Date: Sun, 06 Jan 2002 11:42:19 -0700
From: "Mark M." <markem@cervnet.com>
To: qrp-1@Lehigh.EDU
Subject: [117101] Re: Getting on 6...
Message-ID: <5.1.0.14.0.20020106114027.00abe6d8@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 20:35 01/05/02 -0500, Steven Weber wrote:

> ...

>Maybe now that I'll have a 6M antenna up in the air, now I'll get inspired
>to get back to work on that 20-6 transverter everyone's been waiting for...

Yes! Yes! Please do...before I go out and spend too much on a TenTec 1208...

73... Mark AA7TA

Date: Sun, 06 Jan 2002 12:43:11 -0600
From: "George, W5YR" <w5yr@att.net>
To: mswmod@bigplanet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117102] Re: SWR, Theroy vs. Real World Conditions
Message-ID: <3C389ABF.136017D2@att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ron KU7Y wrote:

>
> Hi George and All,
>
> Here is something that took me about 2 years to figure out:
>
> > It is very easy to get tripped up on words that mean different things to
> > different people.
>
> My last 11 1/2 years of work was done at The Desert Research Institute. I was
> working with both scientists and engineers. I tend to "paint" little word
> pictures to "show" what I mean. Those two groups listen to each word and hear
> what you are really saying, NOT what you are really meaning and sometimes those
> two are a long way apart!
>
> I have a hunch that many others fall into the same trap and have, like me, never
> really stopped to ask just what a term like "output impedance" really means!
>
> But now look at this:
>
> > So, and here is the hooker, just because the transmitter ultimately demands
> > a 50 ohm load to produce rated power at specified efficiency and
> > distortion, etc., does not necessarily mean that its output impedance is 50
> > ohms
>
> Now I understand why it's wrong to use that term!
>
> So I grabbed my manual for the FT-100 to see if maybe Yaesu could be blamed for
> giving me a bad habit. They use the word Impedance three times in the
> specifications. Once as "Audio output impedance: 4 ohm - 8 ohm", once as
> "Microphone impedance: 200 ohm - 10K ohm" and once as "Antenna impedance: 50
> ohm, unbalanced".
>
> OK for the RF side of things. It sounds like they avoid the "output impedance"
> misnomer but isn't it also wrong to use that term for audio and for the same
> reasons?

Well, there is good news and there is bad news!

First, on the audio output impedance. Here, they may be guilty of adding to your problem, Ron. They *really* are saying that the audio load attached to the "audio output" (speaker terminals) should be in the 4 ohm to 8 ohm range. Just like the r-f case, that number probably has little to do with

the actual "internal impedance" of the audio output circuitry, but rather represents the load resistance required. Just like antennas, speaker systems offer an input impedance that can vary considerably over the audio range. That is why they usually toss in the word "nominal" when spec'ing a speaker and/or specify a range like 4 to 8 ohms.

Some large audio power amplifiers have real internal impedances in the order of a fraction of an ohm! Yet, they are required to be connected to speaker loads of several ohms in order to "work right." And some large speaker systems present a load resistance as low as 2 ohms!

Now, why can this be true for audio amps and not for r-f amps. Lots of technical reasons here that we can step over or around. The circuits are usually substantially different for one thing and tend to operate usually in Class A - remember that concept? For maximum audio fidelity, the output devices are conducting at all times and their operating point rarely changes much if at all. This is a totally different bag of worms from the r-f amplifier that is usually no better than AB at most and usually B or even C in some applications. Yeah, I know that a lot of audio amps run in AB and even B, but they also incorporate multiple feedback loops that make things operate much differently from what they appear to be.

But, Yaesu could have been clearer on what they really meant here: speaker load, not "audio output impedance."

Second, "microphone impedance." Now, this one is real. A microphone is a generator and it does in fact have an internal impedance. Low if it is a dynamic mic and high if it is a crystal mic, etc. It is a quantity that can be measured and its value plays a role both in the design and the application of the mic. For example, the frequency response and the output level from the mic depend strongly upon the load resistance into which the mic operates.

Our modern rigs tend to expect mics to have impedances around 600-1000 ohms. So, the rig designers set up the mic input circuitry to work properly with such mics. The downside is that if the mic impedance departs very far from that range, then things don't work as well. The output is usually lower and the sound may not be acceptable.

So, we have to give Yaesu a thumbs-up for this spec. It does mean something.

Finally, they correctly state that the antenna (load) impedance (actually resistance) should be 50 ohms in an unbalanced circuit configuration; in other words: coax.

>

> I have found this to be a VERY interesting decision and want to thank George,
> Glen, Nick, John and anyone I might be forgetting for taking the time to make

> those posts.

I enjoy participating in discussions like this, rather than crabbing about why my 1954 Extra is better than your 2001 Extra! <:} And I don't really think that it is!

>

> There is only one thing wrong with doing this..... I have more questions! See
> what you might have started? :-)

Fire away - there is a semi-infinite amount of stuff that I don't know much if anything about and your questions will probably encourage me to go read up on some things.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Date: Sun, 6 Jan 2002 12:50:00 -0600
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [117103] Re:POSH
Message-ID: <000d01c196e2\$f2703620\$9902a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Really past tense for PUSH (?)

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Sun, 6 Jan 2002 14:25:46 EST
From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [117104] fs- pack of (12) 2N2222A Metal Transistor!
Message-ID: <149.76a703d.2969feba@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys;
I have a few packs(bags) of Metal 2N2222A transistor, NOS.
They are marked "PB 2N2222A M9744.
Price is \$20ppd.
I also have some 2N3904-003 plastic guys(nos).
Please e-mail directly.
Thanks es 73....Rich WA2RQY (1961)
WA2RQY's "confusion Radio" Web-Page
[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)
RLUCCH2098@aol.com
"Keep those heaters on"

Date: Sun, 06 Jan 2002 12:24:23 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117105] Re: VirusScan by McAfee
Message-ID: <3C38A467.D1C4D027@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I tried to download and the registration process crapped out on me with an ODBC error - don'tcha love microsoft !

72 - john - n0hj

Rob Matherly wrote:

> Hi Pat;
>
> If you are looking for something different, you might want to take a look
> at AVG.

Date: Sun, 06 Jan 2002 16:36:36 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: WM-Scace@wiu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117106] Re: Words of advice...

Message-ID: <3C38C364.D82667BB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wayne,

Your behavior rules are the same as SHOULD be followed with ALL dogs. No dog should ever be touched or fed by anyone that is not his master. No dog should be restrained. While the normal pet does not cost \$50,000, they are pets and deserve some respect! Asking first avoids endangering the dog and the possibility of a nasty bite!

73

Date: 6 Jan 2002 16:38:40 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-1@lehigh.edu
Subject: [117107] 10/15/17 meter cw transceiver kit?
Message-ID: <20020106213840.14797.qmail@umdv008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Anyone know of a good cw kit for either 10, 15, or 17 meters? I am antenna space limited now and want to op on a band with smaller antenna requirements (and I love 10, 15, 17 meters). Consider manhattan style, etc. - don't need more than a watt or two.

thanks.

mike
wb5yjx

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Sun, 06 Jan 2002 21:48:20 +0000
From: Dragon Singer <WM-Scace@wiu.edu>
To: "low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [117108] Re: Words of advice...
Message-ID: <5.1.0.14.0.20020106214531.01dd0008@pop3.wiu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Bruce,
Wayne K9DI es Sequoia here. Tnx fer Ur post. However, I must
note a correction. working dogs like Sequoia are always dogs, but are
never pets unless es until they retire from service.
72 es M00/00

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net
LICQ# 315313
FISTS# 4409
QRP-L# 2313
FPQRP-L# 217
SOC# 452
ARS # 1,082
Zombie # 800
<http://k9di.homestead.com/K9DIHam1.html>

Date: Sun, 6 Jan 2002 15:51:03 -0600
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: <qrp-l@Lehigh.EDU>
Subject: [117109] OT: Resolution to VirusScan Issue
Message-ID: <004a01c196fc\$3e7710c0\$ee8dfea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just thought I would let everyone know I finally resolved my problem of
Outlook Express loading slowly after installing McAfee's VirusScan. Here's
what I did to resolve the problem:

1. Un-installed McAfee's VirusScan from the Add/Remove programs icon in Windows.
2. Un-installed McAfee's VirusScan using Norton's Clean Sweep.
3. Someone suggest I use System Mechanic to clean up my register. I used

it but Outlook was still slow.

4. Finally I was desperate and visited MicroSoft's website and while browsing around I came across an issue they had with Outlook Express version 5.0 (I'm using version 6.0) when people install McAfee's VirusScan. It seems that VirusScan install's the wrong version of a file called IMAGEHLP.DLL. I searched my system and couldn't find the file at all. Luckily MicroSoft gave me a site where I could download a copy. I moved the file into my Windows\System32 folder and rebooted the system.

5. Everything back to normal. Outlook Express back to normal speed.

6. I'm a happy camper. Now all I have to do is get McAfee to credit/debit my MasterCard account and things will be back to normal.

Thank you very much to those that offered help and suggestions. Apologies for getting ticked off at those that thought it was my fault that things went wrong to begin with.

73 es DX,
Pat - KZ5J

Date: Sun, 6 Jan 2002 16:56:16 -0500
From: W2AGN <w2agn@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117110] Re: Words of advice...
Message-ID: <02010616561607.03019@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 06 January 2002 16:36, Bruce Muscolino wrote:

> Wayne,
>
> Your behavior rules are the same as SHOULD be followed with ALL dos. No
> dog should ever be touched or fed by anyone that is not his master. No
> dog should be restrained. While the normal pet does not cost \$50,000,
> they are pets and deserve some respect! Asking first avoids endangering
> the dog and the possibility of a nasty bite!
>
> 73

--

Actually, the same goes for some list members. Never touch or feed, and beware of being bitten.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 06 Jan 2002 16:57:43 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: John Paul Keon <jpkeon@nc.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117111] Re: OT: VirusScan by McAfee
Message-ID: <3C38C857.FC2095BC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Perhaps you had better go back and reread the message I posted. To begin with I did not originate the complaint. Second, at no point did I ever say one anti-virus system was better than any other. I happen to use Norton. I have for over 10 years. I see no reason to change that. The message was sent by another who uses MacAfee. He was unhappy with the performance of the software. I only suggested he might have more troubles than just the software.

If MacAfee software did not work with almost all the common software configurations it encounters, they would not stay in business very long! I simply said give MasAfee a chance. Call them. Find out why you are having the problem before you tell the worked that it is junk!

73

Date: Sun, 06 Jan 2002 17:05:17 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Dragon Singer <WM-Scace@wiu.edu>
Cc: low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117112] Re: Words of advice...

Message-ID: <3C38CA1D.92465D15@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh I agree, but they should still be treated the same as you SHOULD treat another's pet. Most people do not know or understand the fine difference between a working dog and a pet. They see a dog, and they see a pet!

73

Date: Sun, 6 Jan 2002 16:40:17 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <w2agn@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117113] Re: Words of advice...
Message-ID: <00f601c19703\$222aa240\$4c11a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<---
Actually, the same goes for some list members. Never touch or feed, and beware of being bitten.
--->

The same could be said for mother-in-laws.....

:^))))))))))))))))))

72/73/oo
Rob, kc0bom
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

Date: Sun, 06 Jan 2002 18:04:20 -0500
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117114] FT-817 Low Power Out
Message-ID: <5.0.2.1.0.20020106175905.00a23690@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good Evening,

While working a few QSOs on 6 meters this weekend, I noticed that my FT-817 doesn't put out anything near 5 watts on the high power setting. So I did some simple testing.

I transmitted into a dummy load while running the FT-817 at the high power setting. The power supply was 13.8 V. I discovered that at the specified 2.5W setting my the power out is about 1.5W and at the 5W setting the power out is a mere 2.5W on all bands HF + 6 meters.

Is there something I'm missing about the power control with the 817? Have any of you experienced that sort of problem? I would definitely like to solve it.

Thanks es 73,
Ed AA3SJ

End of QRP-L Digest 2428

